



Proposal for a Visitor Center at Fermilab

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Adjusting to post-9/11



- 2002 plans for updating 15th floor put on hold
- No more self-guided tours
- Need to find solution within constraints of heightened national security concerns
- Solution needs to work at all alert levels

Finding a solution



- Worked with exhibit planners AldrichPears Associates to develop options (Master Plan)
- Talked to scientists and members of the Education Office to explore opportunities (workshops and interviews in spring 2003)
- Presented Master Plan to Fermilab Directorate (Sept. 2003)

Recommendation:

Build a visitor center

Progress so far



- Got support for idea from M. Witherell
- Got money from URA to develop idea in more detail (Dec. 2003)
- Finish “sales brochure” (April 2004)
- Refine plans with your help (FY2005)
- Get money for construction and exhibits

Funding possibilities



- Funding has to come from outside sources (not Fermilab budget)
 - Congress
 - science funding agencies
 - private donations
- Budget will be handled by nonprofit org

Proposal for visitor program

- Key features of proposal:
 - Build a new visitor center, outside secure zone with a broad range of exhibits
 - Link the new visitor center to Lederman Science Center (site of formal education programs)
 - Zone the site into public and restricted areas
 - Guided tours of the site
 - Improve exhibits at the science facilities (satellite exhibits, initially focusing on Linac/MCR, CDF, DZero, MINOS)

Goals for the visitor experience

- Making friends, gaining support
 - build a strong relationship with the local community
 - create a base of support for Fermilab and particle physics in general
 - educate and inspire students and the public

The Visitor Center



- Location:
 - Close to Lederman Center, which is:
 - outside secure zone
 - close to main entrance (Pine Street)
- Architecture:
 - Provide optimal exhibit area (25-foot ceiling)
 - Recognize Wilson legacy
- Plans are not final. All aspects will be reconsidered when funding is available

Environmental stewardship

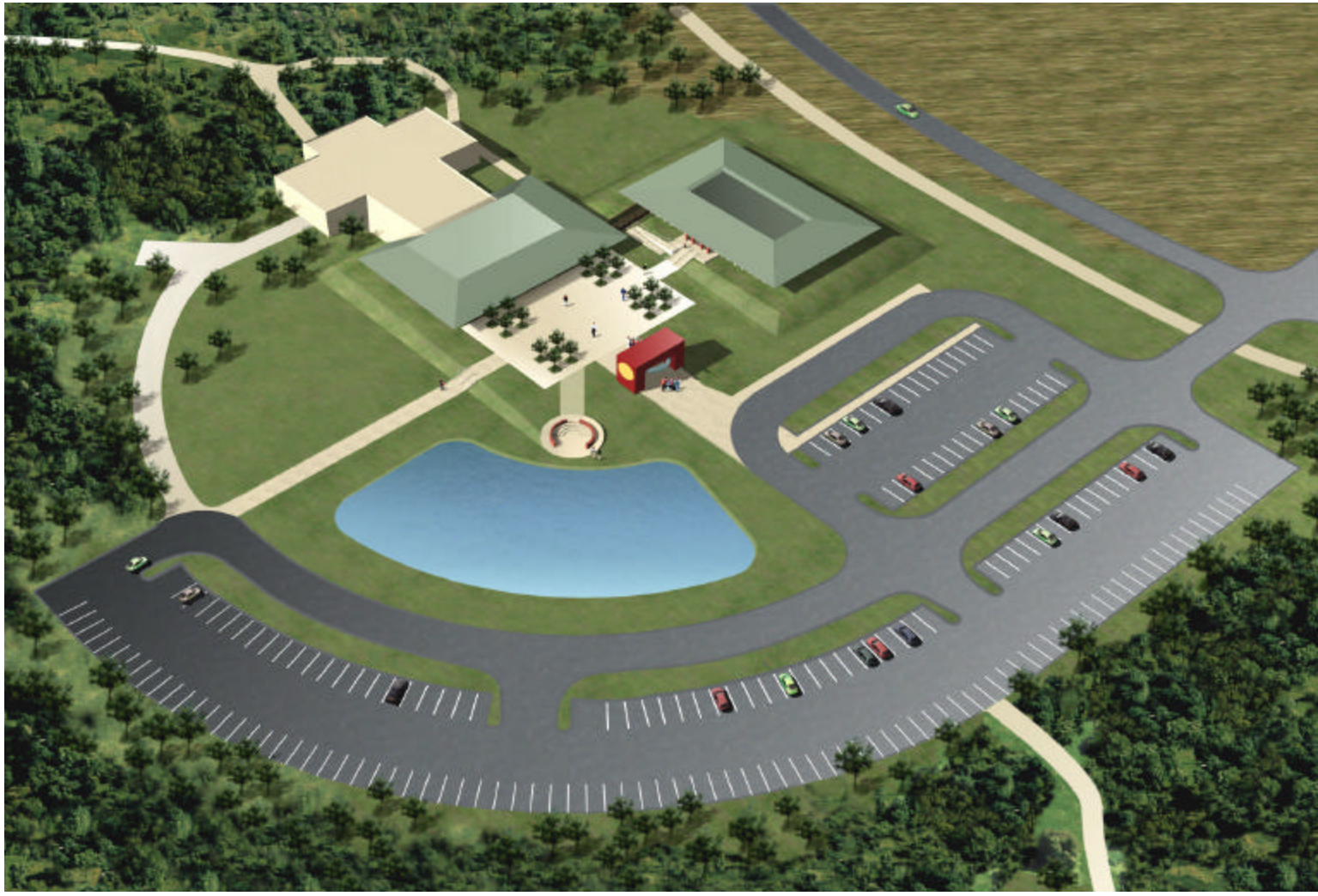


- Philosophy of sustainable building
- Follow LEED standards (Leadership in Energy and Engineering Design)
- Aim for Silver certification
 - innovative mechanical systems
 - use of renewable energy
 - careful selection of material
 - waste minimization

Visitor Center architecture



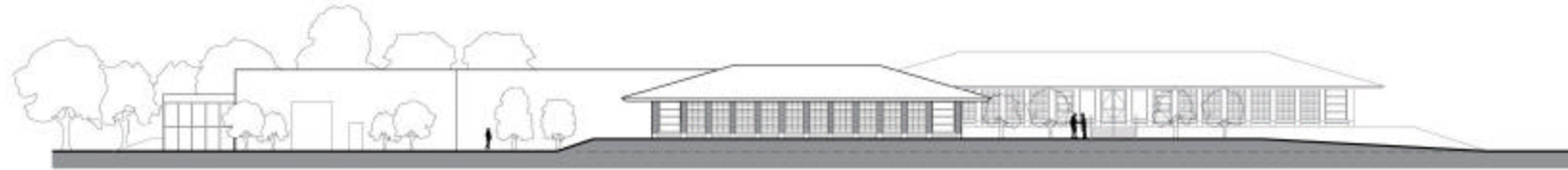
Aerial view



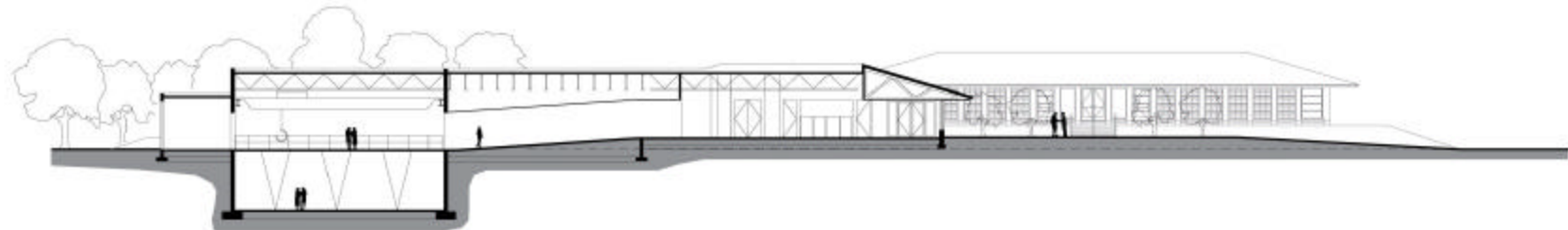
Underground exhibit area



EAST ELEVATION



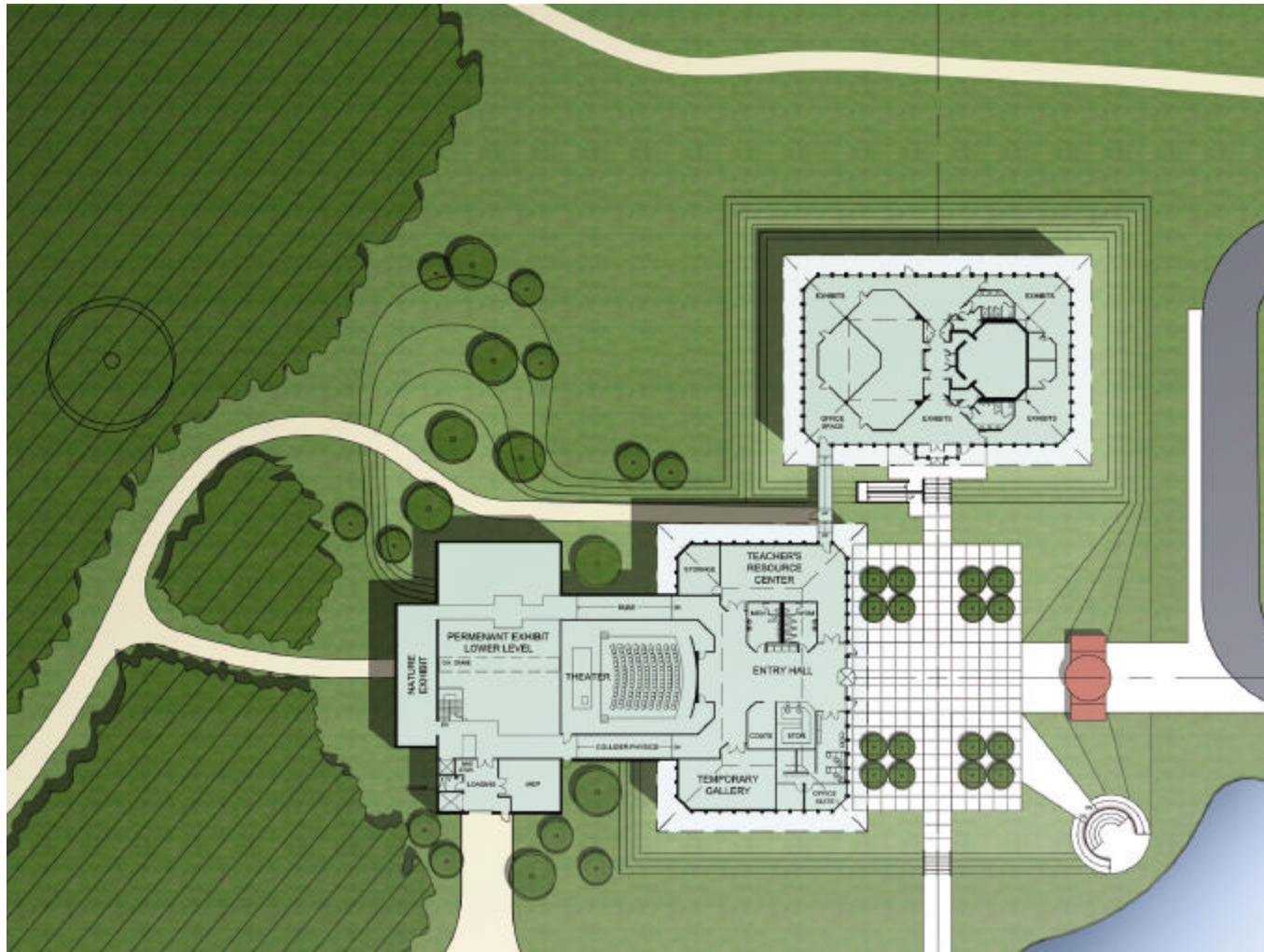
SOUTH ELEVATION



BUILDING SECTION



Floor plan



Alternatives



- Considered locating the visitor center north (rather than south) of LSC, relocating Pine Street and security checkpoint
- Considered more industrial look with high roof (exhibit area with 25 foot ceiling)
- Plans will be reconsidered when funding is available

Visitor access to Fermilab



Visitors will

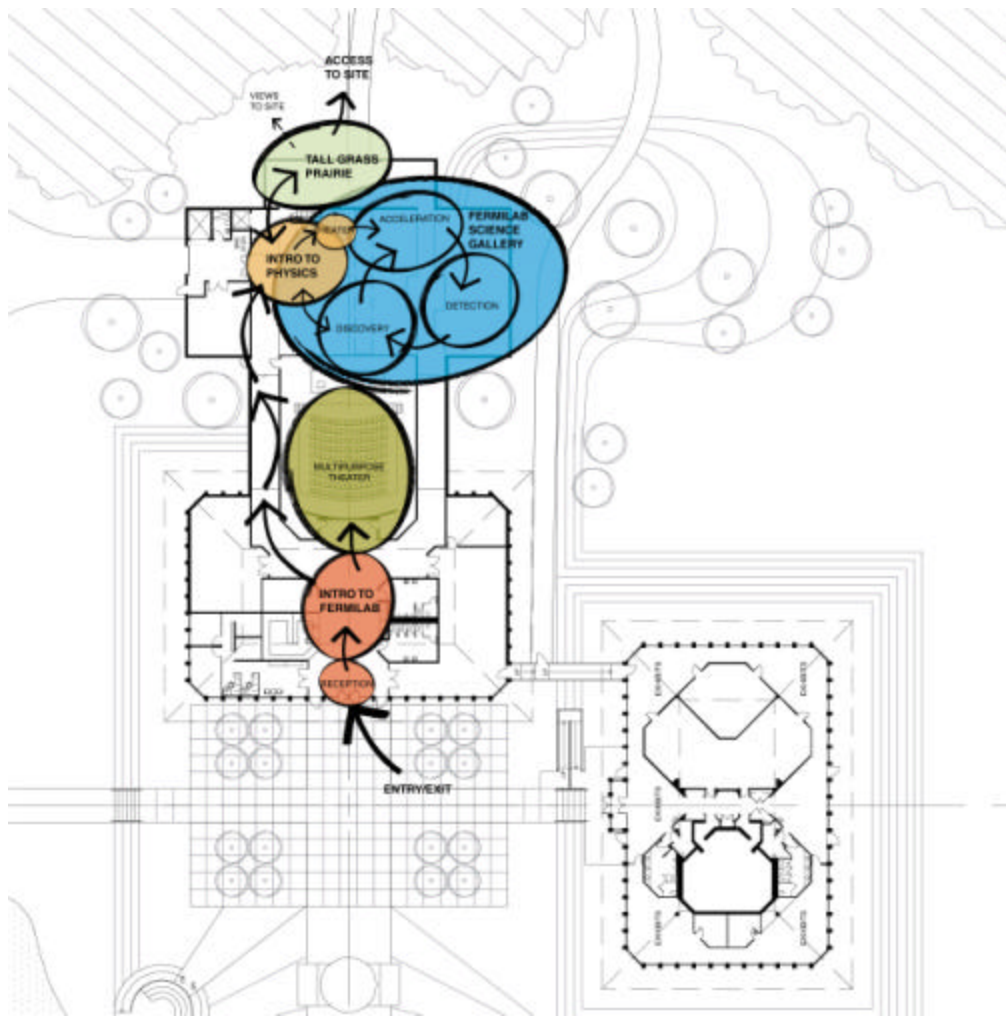
- enter Fermilab through main entrance (Pine Street)
- Proceed to public parking at Visitor Center
- Enter Visitor Center (general public) or LSC (school groups: formal education)
- Sign up for a scheduled tour of the site; or meet with Fermilab person; or receive badge from Fermilab security (official business)

Key messages



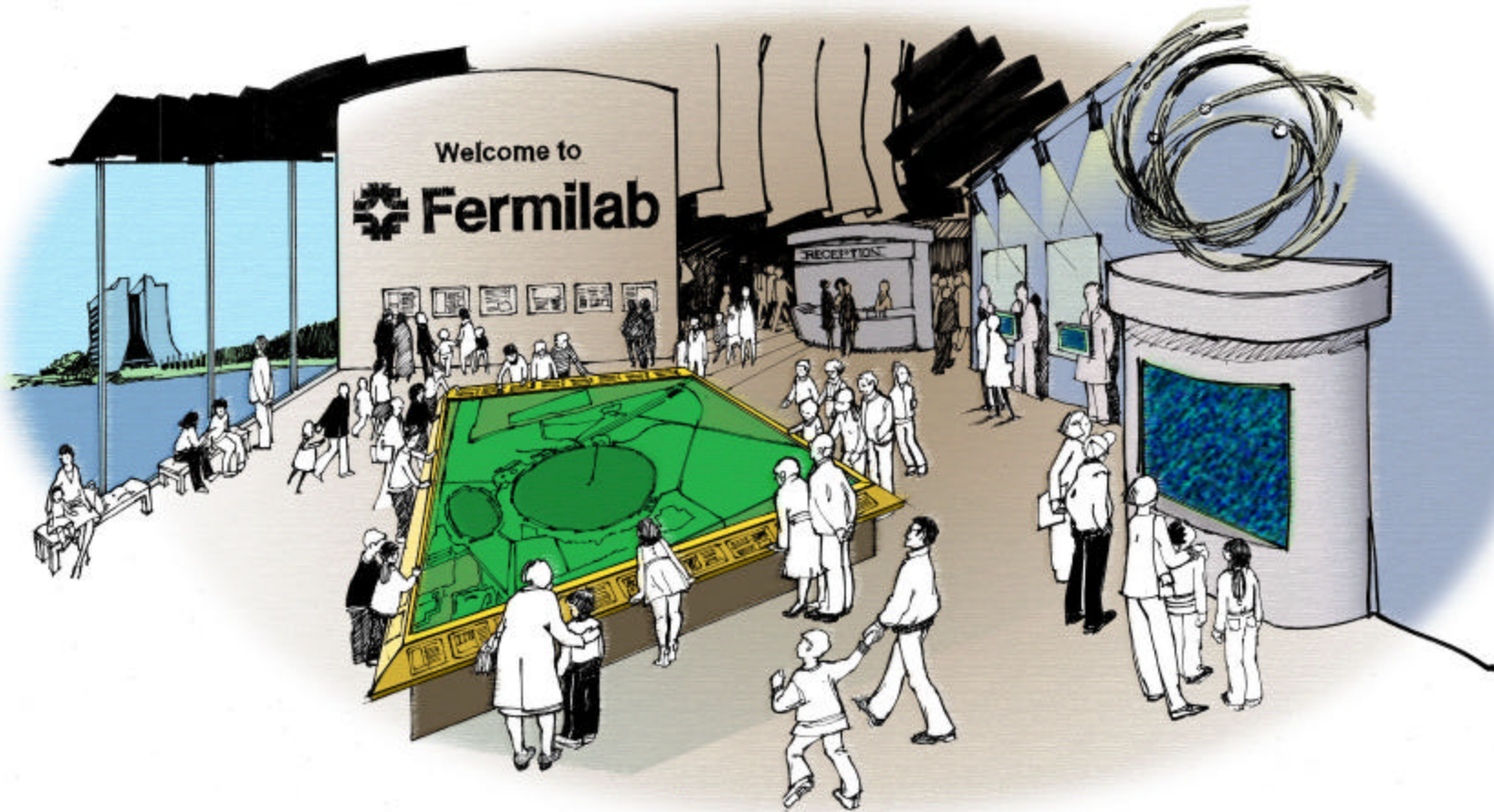
- Purpose of Fermilab is discovery
- You are welcome at this American science lab
- Technology has benefits for society & economy, real-life applications
- Physics without borders
- Real people, many professions
- Fermilab is safe. Fermilab is green.

Tour of the Visitor Center

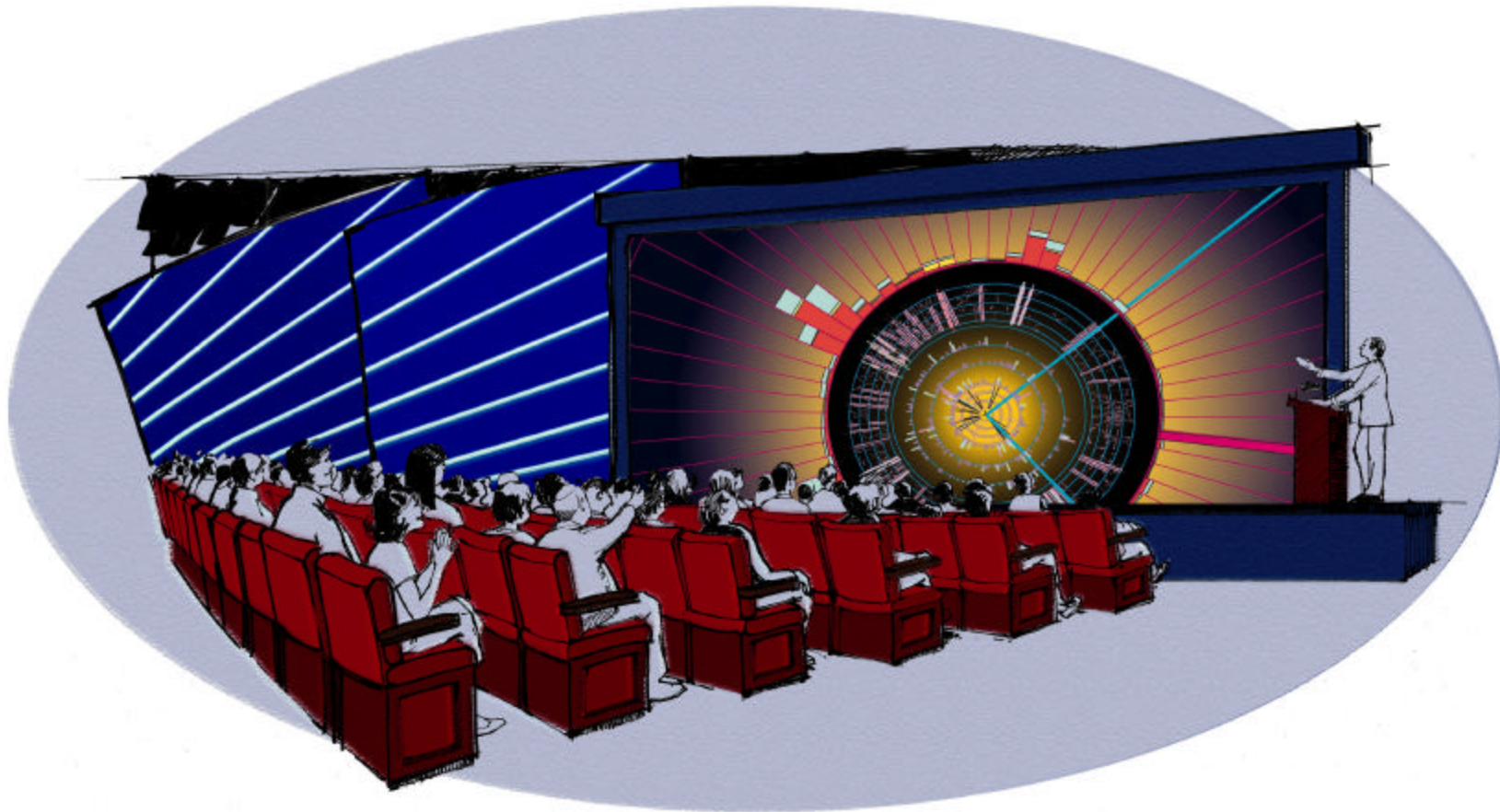


- First draft of the story that we'd like to tell
- Plans will be reconsidered and refined when funding is available
- Will gather more input from scientists and employees

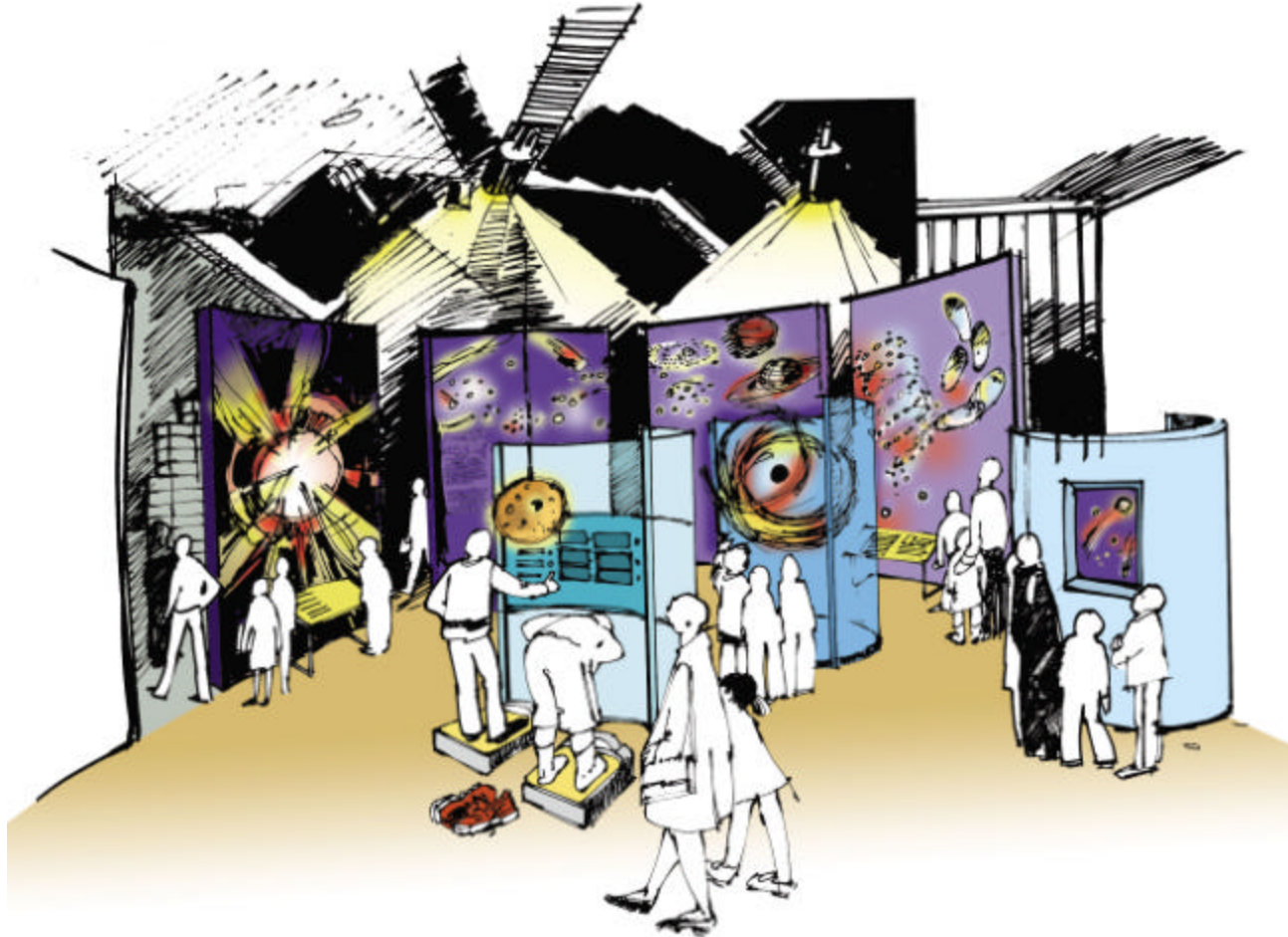
Lobby



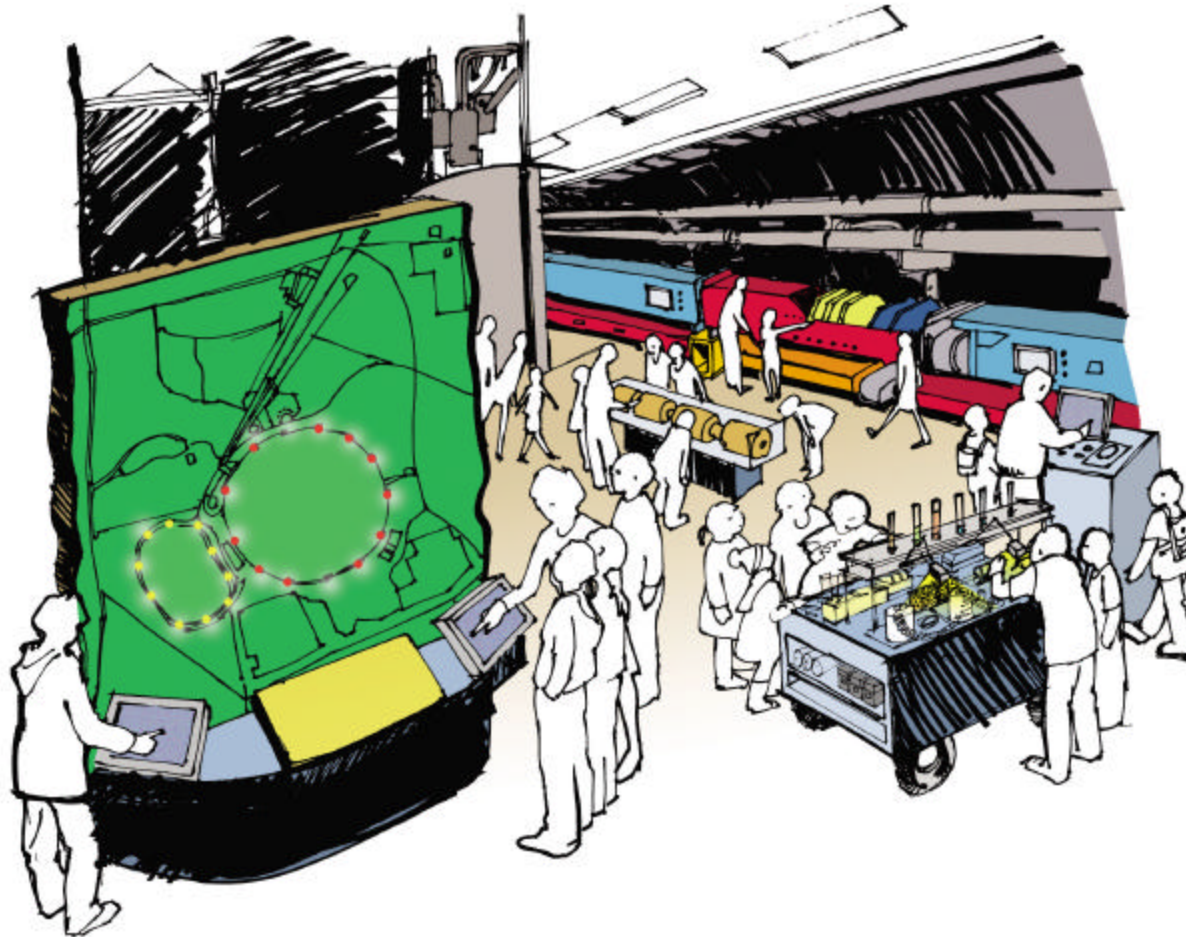
Multi-purpose theater



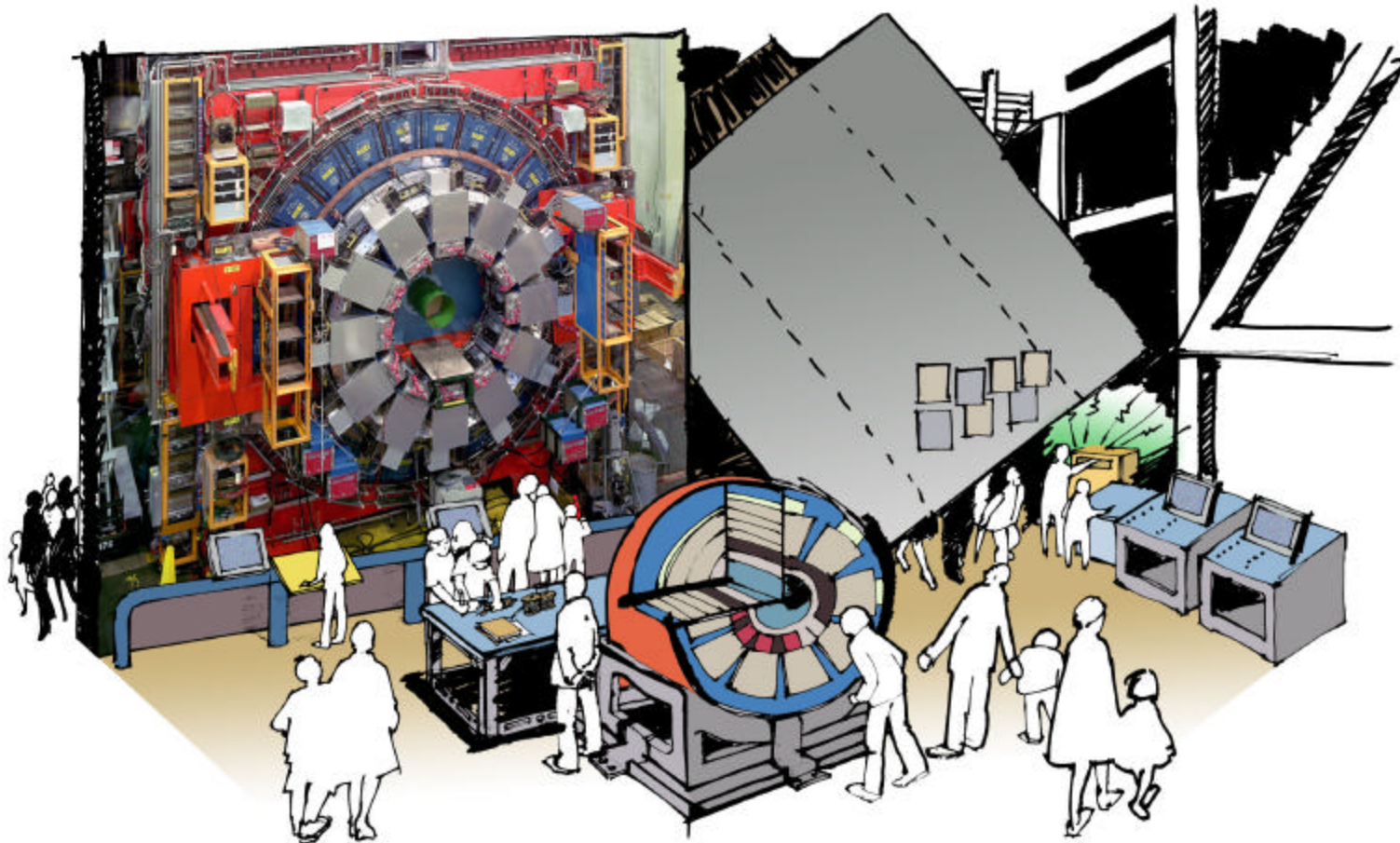
Quarks to the Universe



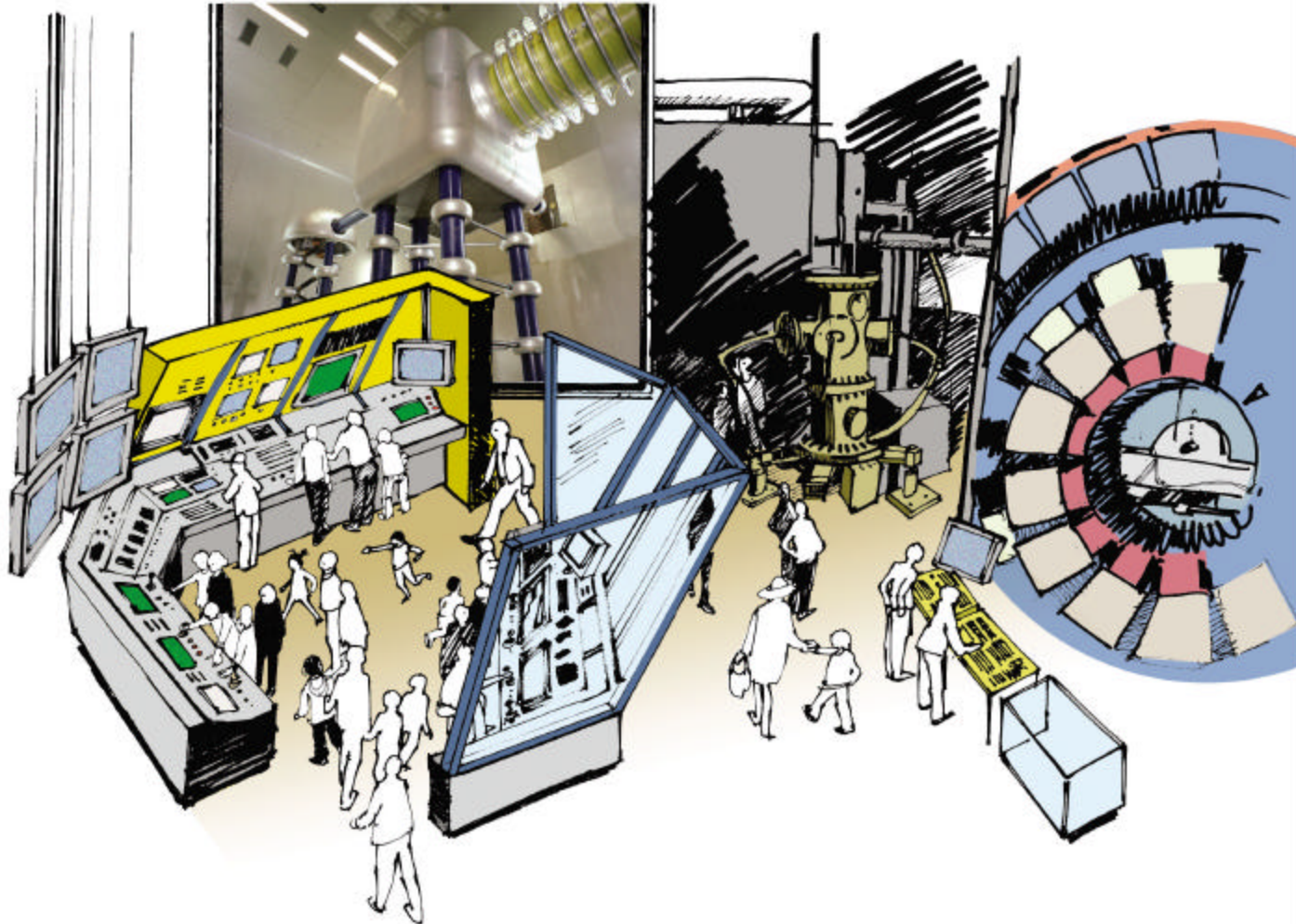
Acceleration



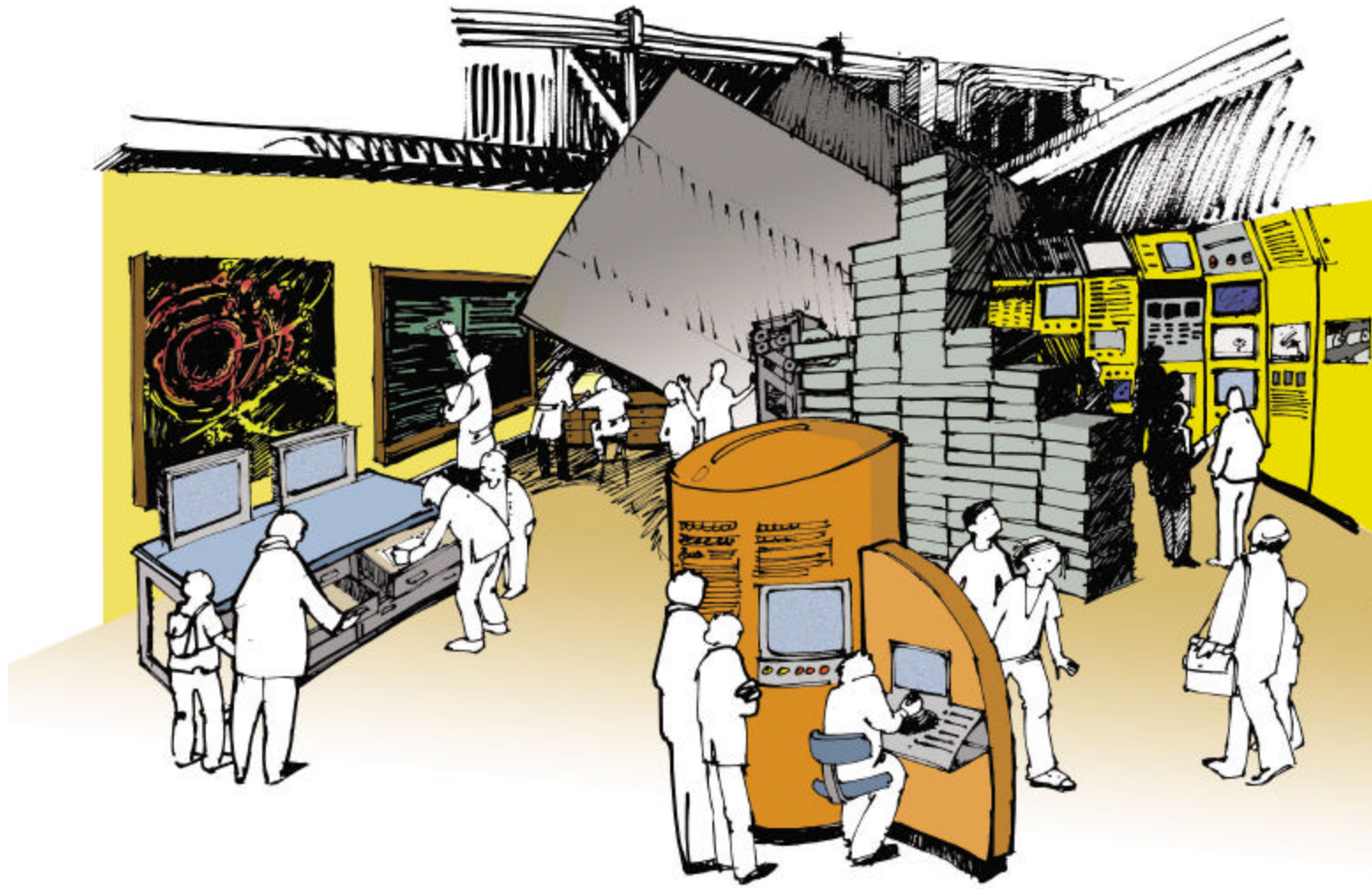
Detection



Control Room



Discovery



Tall Grass Prairie (upper level)

